

Rev. 10/24/07

Features & Options

The Current Output Module (COM) converts the data from the Wireless Receiver into a linear 4-20 mA signal for the DDC controller.

The COM is loop powered and receives data from a 418 or 900 MHz Receiver through a four-wire bus. Up to 127 different Output Modules can be connected to a single receiver to send multiple network variables to the controller. The COM is easily trained to a single transmitter variable with a pushbutton and LED. The COM is surface, 2.75" snaptrack or 35mm din rail mountable.

°F PART NUMBERS:

- ALC/COM-C: 4-20 mA Output, 50-90°F Temp. Range
- ALC/COM-D: 4-20 mA Output, 55-85°F Temp. Range
- ALC/COM-E: 4-20 mA Output, 60-80°F Temp. Range
- ALC/COM-F: 4-20 mA Output, 65-80°F Temp. Range
- ALC/COM-G: 4-20 mA Output, 45-96°F Temp. Range
- ALC/COM-H: 4-20 mA Output, -20 to 120°F Temp. Range
- ALC/COM-KK: 4-20 mA Output, 32 to 185°F Temp. Range
- ALC/COM-MM: 4-20 mA Output, -40 to 140°F Temp. Range

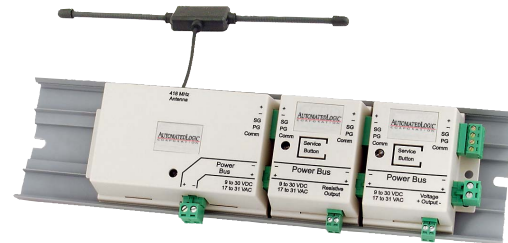
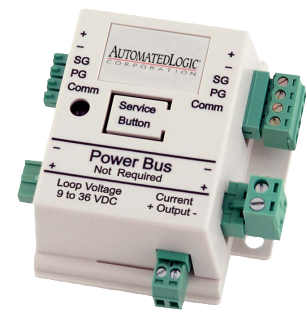
°C PART NUMBERS:

- ALC/COM-C-C: 4-20 mA Output, 10 to 32°C Temp. Range
- ALC/COM-D-C: 4-20 mA Output, 13 to 30°C Temp. Range
- ALC/COM-E-C: 4-20 mA Output, 15 to 27°C Temp. Range
- ALC/COM-F-C: 4-20 mA Output, 18 to 27°C Temp. Range
- ALC/COM-G-C: 4-20 mA Output, 7 to 35°C Temp. Range
- ALC/COM-H-C: 4-20 mA Output, -29 to 49°C Temp. Range
- ALC/COM-KK-C: 4-20 mA Output, 0 to 85°C Temp. Range
- ALC/COM-MM-C: 4-20 mA Output, -40 to 60°C Temp. Range

%RH PART NUMBERS:

- ALC/COM-M: 4-20 mA Output, 0-100% RH
- ALC/COM-N: 4-20 mA Output, 35-70% RH

Current Output Module (COM)



418 MHz Receiver with two Analog Output Modules

DIN RAIL MOUNTING:

Add "-35DIN" to the end of any part number at left for 35mm Din Rail Mounting.
Example: **ALC/COM-C-35DIN**
(4-20 mA Output, 50-90°F Temp. Range, 35mm Din Rail Mounting)

Specifications for Current Output Modules

Output Current Range: 4-20 mA (factory calibrated)

Power Consumption:

- Loop Powered, 20 mA max
- Loop Voltage Range 9-36 VDC

Bus Cable Distance:

- 4,000 ft with shielded, twisted pair cable (Belden 9841, Belden 8132 or equivalent)

Output Resolution: 12 bit

Environmental Operation Range:

- Temp: 32°F to 140°F (0°C to 60°C)
- Humidity: 5% to 95% RH non-condensing

Material: ABS Plastic

Material Rating: UL94, V-0

